

Job No: QECD/BBMP/YNK/QC/P-1/W-1/2020-21

Test Report

Project Name Improvements to Roads and drains at Ayyappa Swamy Layout, Bharathgowda Layout and Providing Grill Work at BB Road in Ward No.01 of Yelahanka Sub Division (PACKAGE-01)

Client The Executive Engineer, Yelahanka Division, BBMP

Mix Type PCC(1:3:6)

Contractor Sri.Y.B Ramesh

Test Method IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.

Material Cement

Sample No 1

Sample Collected Date 1-Jun-2020

Test Date 3-Jun-2020

Consistency test

AE-1

Trail No	Weight of Cement	Percentage of water added (%)	Weight of Water (gm)	Initial Reading of Plunger (mm)	Difference (mm)
1	400	29.0	116	40	18
2	400	28.5	114	40	19
3	400	28.0	112	40	11
4	400	29.5	118	40	7.5
5	400	30.5	122	40	5.5

Results: Standard Consistency of Cement: 30.50%

Note:

- The results indicated above are based on the tests carried out on the sample at site.
- The results relate only to the items tested.
- This test report should not be reproduced except in full, without written approval of this laboratory.
- Any query regarding the report must be reported immediately.



SHASHANK. S
Quality Engineer

Address: #42, 18th Cross, Sri Ram Pura Main Road, Jakkur, Amruthahalli, Bangalore-560064
Ph No:- +91 9482685185, +91 9035830663
Email: qualiexpvtltd@gmail.com

Job No: QECD/BBMP/YNK/QC-1/P-1/W-1/2020-21

Test Report

Project Name Improvements to Roads and drains at Ayyappa Swamy Layout, Bharathgowda Layout and Providing Grill Work at BB Road in Ward No.01 of Yelahanka Sub Division (PACKAGE-01)
Client The Executive Engineer, Yelahanka Division, BBMP
Mix Type Concrete(M20)
Contractor Sri.Y.B Ramesh
Test Method IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Material Concrete for Wall
Size of cubes 150x150x150mm
Cross Sectional Area 22500mm²
Sample No 1
Sample Collected Date 8-Jun-2020
Test Date 6-Jul-2020

Compressive strength of Concrete

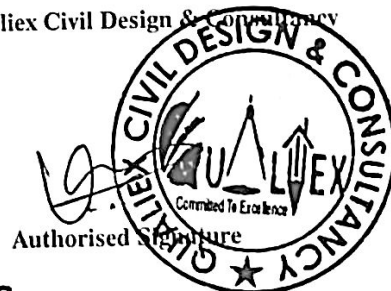
Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Density (kg/m ³)	Max. Load (KN)	Area (mm ²)	Compressive Strength (N/mm ²)	Avg. Strength
1	20	28	5.00	1481.48	519	22500.00	23.07	23.53
2	20	28	5.00	1481.48	521	22500.00	23.16	
3	20	28	5.00	1481.48	532	22500.00	23.64	
4	20	28	5.00	1481.48	562	22500.00	24.98	
5	20	28	5.00	1481.48	512	22500.00	22.76	
6	20	28	5.00	1481.48	530	22500.00	23.56	

Results: 28-days Compressive strength of cement is **23.53 N/mm²**

Note:

- The results indicated above are based on the tests carried out on the sample at site.
- The results relate only to the items tested.
- This test report should not be reproduced except in full, without written approval of this laboratory.
- Any query regarding the report must be reported immediately.

For Qualiex Civil Design & Consultancy



Authorised Signature

SHASHANK. S
Quality Engineer